

Converting Colors

Hex(FB1E33)

Have a look what the booklet for
Hex(FB1E33) contains.

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Color

Hex(FB1E33)

Conversions

Conversions Part 1

Format	Color
Hex	FB1E33
RGB	251, 30, 51
RGB Percent	98%, 12%, 20%
CMY	0.0157, 0.8824, 0.8000
CMYK	0.00, 0.88, 0.80, 0.02
HSL	354°, 97%, 55%
HSV	354°, 88%, 98%
XYZ	40.8455, 21.6768, 5.1632
YIQ	98.4730, 124.9750, 53.3830

Conversions

Conversions Part 2

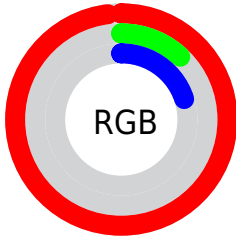
Format	Color
R_{YB}	251, 30, 51
Decimal	16457267
CIE _{Lab}	53.68, 76.96, 47.75
CIE _{LCh}	54, 90.571, 31.818
Yxy	21.6768, 0.6035, 0.3203
Android (android.graphics.Color)	4294647347 (0xFFFB1E33)
YUV	98.4730, -23.4042, 133.7662
Hunter-Lab	46.5583, 75.1203, 26.0157

Details

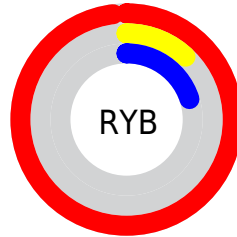
The Hex color **FB1E33** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **1EFBE6**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6963**, and **B90007** is the 20% darker color. If you saturate the color by 10%, you get **FB051C**, and if you desaturate by 10%, it is **FB374A**.

Distribution



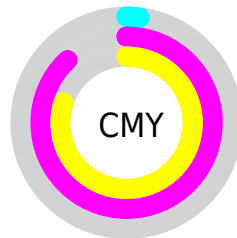
- Red (98%)
- Green (12%)
- Blue (20%)



- Red (98%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (80%)
- Black (2%)



- Cyan (2%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB1E33 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FB1E33 by changing the saturation by 10% instead.

 FB1E33

 FB1E33

FFFFFF

 DA001D

 FF6963

 B90007

 FF877C

 980000

 FFA596

 780001

 FFC3B1

 580003

 FFE2CC

 390002

 FFFF E9

 100000

 000000

 FB1E33

 FB1E33

 FB051C

 FB374A

 FB0018

 FB5060

 FB6977

 FB828E

 FB9BA5

 FBB5BB

 FBCED2

 FBE7E9

 FBFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF007F



FB1E33



D45D00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FB1E33



009C2E



008AFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



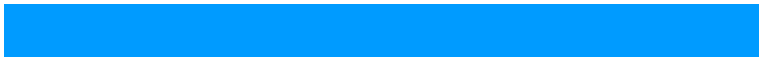
FB1E33



1EFBE6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009BFF



FB1E33



009F83

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FB1E33



449200



00A0D2



7868FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FB1E33



AE7600



00A0D2



0091FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FB1E33



FFBDC3



E51EFB



80585C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FB1E33



FF0018



FB761E



7D7072



BD0012



3D0006

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FB1E33



FF0018



1EA3FB



7D7072



BD0012



3D0006

Previews

White Background



This preview shows how the Hex color FB1E33 looks on a white background.

Color Contrast Check

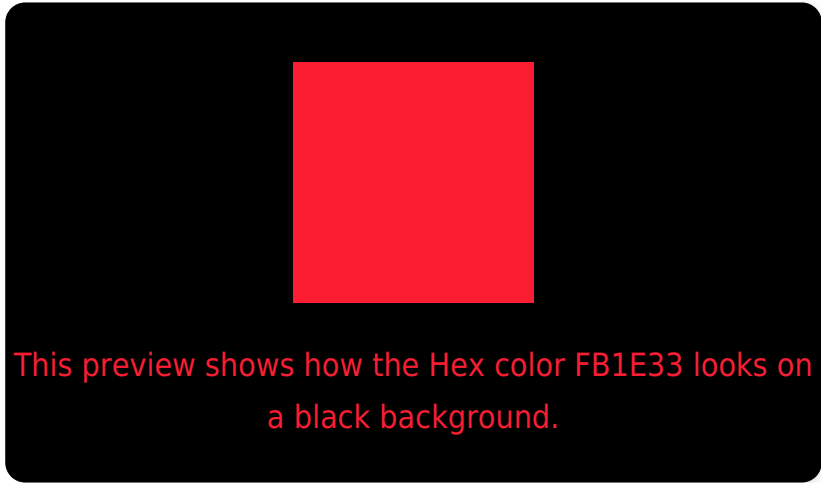
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FB1E33 Background



This preview shows how black text looks on a background with the Hex color FB1E33.



This preview shows how white text looks on a background with the Hex color FB1E33.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
FB1E33

Protanopia
8D814D

Deuteranopia
A27A21



Trichromacy



Original Color
FB1E33

Protanomaly
B55D44

Deuteranomaly
C25928

Tritanomaly
FB2126

Monochromacy



Original Color
FB1E33

Achromatopsia
626262

Achromatomaly
9A4951

CSS Examples

Text

The CSS property to change the color of the text to Hex FB1E33 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FB1E33 looks like.

```
.text, #text, p{  
    color:#FB1E33  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FB1E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB1E33
}
```

Border

The CSS property to change the border of an element to Hex FB1E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

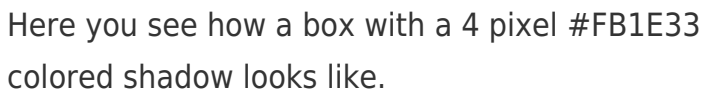
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FB1E33 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FB1E33 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#FB1E33` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB1E33; -webkit-box-shadow:4px 4px  
4px 4px #FB1E33; box-shadow:4px 4px 4px  
4px #FB1E33 }
```

Background

The CSS property to change the background color of an element to Hex FB1E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB1E33 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FB1E33 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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